

WATERVAL FORUM



WATERVAL FORUM MINUTES (Reference: 2017/02)

STATUS OF MINUTES: DRAFT

MEETING DATE: 16 NOVEMBER 2017

NO.	ITEM	PERSON PROVIDING FEEDBACK
1	<p>WELCOME Mr. Mangena welcomed all attendees to the Waterval Catchment Forum Meeting.</p>	Chairperson
2	<p>INTRODUCTION OF ATTENDEES All the attendees were provided with the opportunity to present themselves while the attendance register was circulated.</p>	All
3 3.1	<p>APOLOGIES Refer to the attendance register.</p>	All
4	<p>MINUTES OF THE PREVIOUS MEETING - CORRECTIONS No 4.1 bullet number 5. There was a delay in the establishment of the proto CMAs due to challenges relating to labour, not the Department of labour.</p>	All
5	<p>MATTERS ARISING FROM THE PREVIOUS MINUTES Action 16.3: Ms Mamabolo was absent from the Forum meeting. Action 16.4: Mr Mndawe was running late and only arrived at the Forum meeting after it had commenced. Action 16.5: Mr Matseba engaged with the DWS: National Water Resource Infrastructure regarding the spillages at the Grootdraai Dam. He indicated that the analyses for aluminium did not indicate any non-compliances or high concentrations thereof. Jaco said that he would request Brendon to present the aluminum results, which indicated that the aluminium was coming from the Grootdraai Dam. Action 16.6: Mr Mangena forwarded the improvement plan for the Govan Mbeki Municipality (GMM) Waste Water Treatment Works (WWTW) to various stakeholders, the DWS and Rand Water. Mr Linde asked if the plans could be discussed at the Forum meeting. Mr Matseba suggested that the plans be discussed at the next Forum meeting. Action 16.7: Mr Pather was not able to attend the forum meeting. Mr Matseba indicated that Mr Pather would be retiring from DWS at the end of November 2017 and that Ms Baloyi would be responsible for Waste Management thereafter. Action 16.8: Mr Linde indicated that the Minutes of the August 2016 Forum meeting had been finalised and would be sent to Mr Mangena at the end of the meeting. Action 16.9: Mr Matseba said that during the development of the business plan for the Vaal Proto CMA, the budget had been presented as part of the associated documents and that the budget had been approved by National Treasury. Mr Matseba said that the budget had already been presented to the Forum, but that it could be presented again if required.</p>	

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	<p>Action 16.10: Mr Linde said that the appointment of a permanent scribe could only be undertaken once the bank account for the Forum had been sorted out. There had been some progress with the process of transferring the signing rights for the bank account and Mr Linde said that feedback would be provided to the Forum at the next meeting. Ms Lekoane asked how the Forum would continue to pay for a scribe once the money in the account had been exhausted. Mr Linde said that there were sufficient fund to pay for a scribe for a year after which the Forum would need to discuss a possible membership fee.</p> <p>Action 16.11: Ms Lekoane said that Rand Water would arrange a specific meeting outside the Forum to further discuss the correct water quality limits and colour coding to be used by the Forum for the presentation of water quality monitoring results. Ms Lekoane said that a permanent item would also be added to the agenda. Mr Matseba said he couldn't understand why this issue concerning colour coding of water quality monitoring results kept getting raised, as he thought it had been dealt with. Mr Linde said that the problem was not linked to colour coding. Mr Hariram said that the issue was concerning the use of the Resource Quality Objectives (RQO) rather than the Instream Water Quality Guidelines (IWQG). Mr Matseba said that there was specific licence conditions for the various industries, which is what they should be using to colour code their monitoring results. Mr Matseba said that the RQO did not contain all the necessary water quality limits and thus until the IWQG should be used until the RQO had been updated and were more detailed/extensive. However, Mr Linde argued that for the available RQO there was a large discrepancy between the RQO limits and the IWQG limits. Mr Mangena said this issue could be further discussed under the relevant agenda item.</p>	
6 6.1	<p>ADDITIONS TO THE AGENDA</p> <p>The following items were added to the agenda:</p> <ul style="list-style-type: none"> • Waterval Water Quality Guidelines • Membership Fees • Selection of a Vice Chair Person 	
7 7.1	<p>CORRESPONDENCE</p> <p>No items were discussed under Correspondence.</p>	Chairperson
8 8.1	<p>FINANCE</p> <p>Mr Linde said that the Forum has a cheque account with Absa. The disadvantage of the account was that it did not earn any interest.</p> <p>Mr Linde further mentioned that on the 5th of October the balance of the account was R19 910.08 and he mentioned that there had been a loss of approximately R5000 due to the bank charges.</p> <p>Mr Linde said that the Forum needed to identify a different account somewhere</p>	Mr Linde

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	<p>else, that had less or no bank charges and earned interest on the account. However, the signing rights of the current bank account were still with Mariana, the previous Chairperson and thus no one within the Forum would be able to make changes to the account or to release any funds from the account. Mr Linde indicated that there was some progress with regard to the relocation of the bank account; however, changes could not be made to the account without first changing the signing power.</p> <p>Mr Linde added that the constitution had been drafted, finalised and signed by the Chairperson. The constitution had been sent to Absa bank for assessment and Jeanette from Absa had been satisfied with the constitution.</p> <p>Mr Linde said that he would visit Absa bank on Friday to get further information and clarity regarding the changing of the he also planned to discuss the most appropriate account type with the least associated bank charges. .</p> <p>Mr Linde said that he had gone to Standard bank to enquire about opening a bank account with them however, he was told that the constitution was not in the correct format. Mr Linde said that once he had obtained the signing rights with Absa, he suggested that the Forum continue with Absa in the meantime, while looking for an alternate bank.</p> <p>Mr Linde indicated that the constitution required a Vice Chairperson to be elected and that the signing power could not be changed until a Vice Chairperson was elected, therefore the Forum needed to elect a new Vice Chairperson. Mr Linde asked for confirmation from the Forum members that they were happy for him to move the account to an account with less or no bank charges. The Forum members supported this motion.</p> <p>Mr Linde also asked for confirmation that the Forum members were happy for him to select the new account. The Forum members supported this motion.</p> <p>Mr Linde said that a scribe needed to be appointed for the WaterVal Forum meetings, however the compensation rate first needed to be established.</p> <p>Mr Matseba indicated that the scribe would be paid on a contingency basis and he will check the rates that should be used paying consultants within the Department.</p>	<p>Mr Linde</p> <p>Mr Matseba</p>
9 9.1	<p>NEWSLETTERS</p> <p>Mr Hariram said that the newsletter would be distributed to local newspapers as soon as the issue of the bank account was sorted out.</p>	Mr Hariram

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10	FEEDBACK FROM STAKEHOLDERS	
10.1	<p>Rand Water Stakeholders referred to the handout summarizing Rand Water's Quality results. Ms. Van Der Walt presented the water quality monitoring results against the IWQG from the last quarter and the report indicated the following:</p> <p>Winkelhaakspruit@ secunda: Nitrate concentration had improved for the quarter.</p> <p>Kleinspruit @ secunda: Phosphate concentration had reduced over previous quarters however, it had increased over the last quarter.</p> <p>Waterval river @ Roodebank: the Nitrate concentration had improved compared to the results of the previous quarter. There was also an improvement in the conductivity; however, the sulphate concentration did not comply with the standards.</p> <p>Waterval river @ Elandslaagte: Ammonia concentration was compliant throughout the quarter. Sulphate concentration was non-compliant and the phosphate concentration was tolerable.</p> <p>Waterval near confluence to Vaal river: The ammonia concentration was compliant this quarter together with nitrate and sulphate concentrations. Ms Van Der Walt added that most of the other variables had not been compliant this quarter.</p> <p>Evander and Embalenhle Sewage Works: Ammonia, Chemical Oxygen Demand (COD) concentrations and E.coli counts had not been compliant over the whole year at the WWTW.</p> <p>Secunda Sewage works: the only non-compliance for this sewage works was the E.coli count.</p> <p>Mr Hariram added that the ammonia concentration was significantly higher at Winkelhaakspruit (17.50) and Waterval river (11.10).</p> <p>Mr Matseba said that the Department used three water quality guidelines, which were licence limits, IWQG and the general standards. All these guidelines were considered when determining licence conditions. Mr Matseba further stated that the colour coding used when presenting water quality monitoring data should reflect the real results. Mr Matseba said that if a monitoring report reflected a red colour (non-compliance), however the variable was actually compliant with the licence condition, then the report would create confusion in the Forum.</p> <p>Mr Hariram said he had spoken to his superiors at Rand Water and that they felt it was necessary for their report to be colour coded the way it was.</p> <p>Mr Matseba said that a licence was issued as a legal document for stakeholders to comply with and Mr Matseba therefore requested that Rand Water provide two reports. Mr Matseba said that the Rand Water report gave the impression that the</p>	Ms Van Der Walt

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10.2	<p>WWTWs were not complying with their licence because of the Rand Water colour coding, when in fact some WWTW were compliant. Mr Matseba suggested that the DWS and Rand Water superiors meeting in order to discuss this further and settle on a suitable solution.</p> <p>Mr Linde said that all stakeholders should serve the Forum and not the interests of individual companies and that all stakeholders should adhere to the same guidelines.</p> <p>Department of Water & Sanitation (DWS)</p> <p>Ms Lekoane presented the results of the DWS water quality monitoring to the Forum members for the period April to June 2017. The following concerns were highlighted: Conductivity, Fluoride, Ammonia, Nitrate and COD were non-compliant at almost all the monitoring points. Samples taken at Evander Gold Mine were measured against the old permit, and they were compliant at LM2. Embalenhle and Evander WWTWs were non-compliant in terms of Conductivity, Ammonia, Orthophosphate, COD, and E.Coli. Samples taken at Sasol Complex, measured against their Water Use Licence's (WULs) and they were non-compliant at RESM 7, 12, Secunda WWTW for April and RESM 10 for April and May.</p> <p>There was no flow at the Brenden Village Sewage works and Nthorwane Sewage Works was non-operational.</p> <p>There was non-compliance at RESM 7 in terms of conductivity.</p> <p>There was no flow at RESM 12.</p> <p>Secunda Sewage Works was non-compliant in terms of Ammonia and COD.</p> <p>Evander Gold mines were measured against their permit and they were non-complaint at LM2.</p> <p>Mr Linde said that the DWS report was more or less the same as the Rand Water report. Mr Linde added that the RQOs did not feature in the colour coding and that this matter needed to be included into the agenda for further discussion so that all parties would know which guidelines to use.</p> <p>Mr Matseba mentioned that it is not advisable to use the RQOs as they were not established for all the variables within the catchment. Mr Matseba said that internal discussions within the Department were being conducted with regard to RQOs.</p> <p>Mr Nqelenga raised a concern about the Brenden Village Sewage Works and Nthorwana Sewage Works, as it had been mentioned that the two sewage works were non-operational. Mr Nqelenga said that Compliance Monitoring and Enforcement (CME) needed to conduct investigations in order to find out what was happening at those two sewage works.</p> <p>DWS Waste Management (DWS:WM):</p>	<p>Ms Lekoane</p> <p>Mr Nqelenga</p>

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	<p>On the 11th and 13th of September 2017 a dam at the Alberta WWTW was vandalised and the vandalism caused an environmental impact, the dam was fixed on the 15th of September.</p> <p>There was an attempted vandalism at the Evander pump station on the 13th and 14th of September 2017, however, the culprits had not been able enter inside the pump station, and thus only the door lock was damaged. It was replaced on the 15th of September.</p> <p>Kliphuis pump station was operational, although oil had been discharged inside the pump station on the 20th of October; the oil was drained out of the water on the 03rd of November 2017.</p> <p>N17 Leandra Pump Station was operational, however the inlet supplier line had burst and the bursting caused environmental pollution.</p> <p>Pump stations at Ext 5, 18, 24 and at Embalenhle were all operational.</p> <p>Ext 22 was also operational, although the flow had been diverted to another station while GMM were in the progress of cleaning the lines.</p> <p>Mr Hariram asked if GMM held itself liable (in terms of fines) for not complying with the standards, as they do to industries, because their report had a number of non-compliances.</p> <p>Mr Mangena said that he would present on industry's non-compliances at the next Forum meeting.</p> <p>Mr Nqelenga asked if GMM reported the non-compliances and pollution incidents to DWS so that DWS were able to investigate further.</p> <p>Mr Mangena said that GMM only reported the larger incidents but not the smaller ones.</p> <p>Mr Nqelenga said that GMM needed to report all incidents to DWS and needed to provide an action plan to DWS for how they would manage/mitigate the incident.</p> <p>EVANDER GOLD MINE (EGM)</p> <p>Mr Conradie presented the results of the EGM compliance monitoring for the period August to October 2017. Mr Conradie mentioned that there had not been any incidents in the last three months.</p> <p>There was a drinking water pipe burst at the Embalenhle which had flushed clean water into the river for a few days.</p> <p>The water quality had deteriorated over the past few months due to lack of rainfall (dilution in the river).</p> <p>The water quality exceeded the limit at LM 8 as a result of poor water quality</p>	

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10.5	<p>released from Embalenhle WWTW. The water quality released from the sewage works was confirmed by the Rand Water monitoring results.</p> <p>SASOL SECUNDA (SYNFUELS AND CHEMICALS OPERATIONS) Mr Human said that RESM 1 was non-compliant for Nitrate in August and October, it was also non-complaint for phosphate in September and October. There was no flow at RESM 7. RESM 10 was non-compliant for conductivity in August and October. There was a very low flow at RESM 12 and there was non-compliance in August and October. Mr Human said that the sewage treatment plant had been upgraded and the microbiological score was thus low, however it still exceeded the E.coli limit of 0 CFU/100mL.</p> <p>Sasol did not have any water quality objectives at RESM 18 (Roodebank) monitoring point, however aluminium levels were elevated during September due to the overflow of the Bossiespruit Dam. Phosphate had also been elevated at RESM 18.</p>	Mr Conradie
10.6	<p>Mr Linde said that the aluminium concentration during 2016 was significantly higher than 2017, due to the overflow of Bossiespruit dam and this confirms that in the absence of the overflow from the dam, RESM 18 has much lower aluminium concentration .</p> <p>SASOL MINING Mr Mndawe was requested to present SASOL mining operations and all river crossings on a map.</p> <p>SHONDONI MINE Mr Mndawe presented the SASOL mining operations, specifically the water crossings of the conveyor belts to/from the Shondoni Mine.</p> <p>IMPUMELELO MINE Mr Mndawe presented the SASOL mining operations, specifically the water crossings of the conveyor belts to/from the Impumelelo Mine Mr Linde said that any impact of a conveyor belt was mainly during the construction and not during the operation. Mr Linde said that with regard to the Impumelolo mine, the conveyor belt that was used was able to carry a far higher capacity than it was currently carrying, which meant that the chances of spillages from the conveyor belt were unlikely.</p>	Mr Human
10.7	<p>TAUNG GOLD There was no representative at the Forum meeting.</p>	Mr Mndawe

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10.8	<p>FARMERS UNION/COMMUNITY. There was no representative at the Forum meeting.</p> <p>BRENDAN VILLAGE There was no representative at the Forum meeting.</p> <p>DWS CME Ms Mabayi said that CME had previously issued a notice to SASOL synfuels for non-compliance and she was happy to report that SASOL synfuels were complying with the notice and that there had been no need to proceed with the enforcement process.</p>	
10.9	Ms Mabayi said that there had been proactive investigation along the Waterval river over November 2017 and that the investigation report would be finalised by December 2017. It was discovered that there were some water users that were not complying with the National Water Act (NWA) and thus notices had been drafted and were awaiting approval from the Provincial Head.	
10.10		
10.11	Ms Mbeki said that there were no planned audits for the current quarter however; there would be one follow up inspection.	
		Ms Mabayi
		Ms Mabayi
		Ms Mbeki
11	<p>DWS WATER USE LICENSE STATUS Ms Baloyi presented the status of the catchment WULs for the following applicants:</p> <ul style="list-style-type: none"> • Sasol Synfuels licence was undergoing assessment. • Taung Gold Secunda (Pty) Ltd was awaiting approval. • Shondoni Mine was undergoing assessment • Impumelelo (amendment) was undergoing assessment • Sasol South Africa (Pty) Ltd: Proposed Decommissioning of power line had been issued in January 2017 	Ms Baloyi
11.1		

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	<ul style="list-style-type: none"> Pan African Resources: Evander Gold Mines licence was issued on 24th August 2017. <p>Mr Matseba urged the stakeholders to engage with the Department before they submit their licence applications so that the Department would be able to guide them in terms of which documents to submit in order to save time.</p>	
12	<p>CMA PROCES</p> <p>Mr Matseba said that a committee had been formed through the instruction of the Minister and that committee would be making recommendations regarding the reduction of CMAs from nine to one.</p> <p>Recommendations to have a single CMA had been made and submitted to the Minister. The decision would be made known in the next Forum meeting.</p> <p>Mr Linde asked if Department's Electronic Water Use Licence Application and Authorization System (EWULAAS) was operational.</p> <p>Mr Matseba confirmed that the EWULAAS system was operational and that it had been launched on the 1st of September 2017. The Department would no longer accept physical copies of licence applications and supporting documents. All new licence applications or amendments would need to be done through the system.</p>	Mr Matseba
13 13.1	<p>DISCUSSION OF ADDITIONS TO THE AGENDA</p> <p>WATERVAL WATER QUALITY GUIDELINES</p> <p>Mr Linde said that he did not understand when the RQOs would come into effect, if they were not to be utilized as of yet. Mr Linde said that Resource Units 2 and 5 were the applicable units for the Waterval Catchment, but Mr Linde asked if the limits applied to the beginning or end of the resource unit.</p> <p>Mr Matseba explained that the RQOs was a national project that was being rolled out by head office for each catchment.</p> <p>Mr Linde asked what the 95th percentile meant. Mr Linde added that their conclusion had been that the 95th percentile was provided for information but not as a limit/guideline.</p> <p>Mr Matseba suggested that DWS arrange from someone from head office to attend the next Forum meeting in order to explain the RQOs and how they should be implemented for the catchment. Mr Matseba added that his understanding of the 95th percentile, was that the catchment should be compliant 95 percent of the time.</p> <p>Mr Linde said that they acknowledge that the RQOs are not yet perfect and are</p>	Mr Linde

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13.2	<p>missing a number of variables, however they feel that the RQOs would be better for the catchment.</p> <p>Mr Matseba said that the RQOs were a starting point and had been gazetted and therefore could be reported on in Parliament, where as the IWQG, which were not gazetted, could not.</p> <p>Mr Conradie asked if stakeholders needed to include the RQOs in their water quality reports.</p> <p>Mr Linde said that wasn't correct. Mr Linde explained that industry's and mine's needed to use their licence conditions/limits, which should be aligned with the RQOs.</p> <p>MEMBERSHIP FEES</p> <p>Mr Linde mentioned that there was a sum of R19 500.00 in the Forum's bank account and that it would be sufficient to pay for secretarial services for the whole of 2018.</p> <p>Stakeholders previously contributed with membership fee however, there was no proper budget for the funds. And thus, a decision was made to stop contributing membership fees. Mr Linde suggested that the forum formalise a budget, which would indicate how the membership funds would be utilised, before stakeholders could be expected to contribute a membership fee.</p> <p>Mr Matseba said that the Forum first needed to sort out the issue of the bank account and vice chairperson before organisations and industries could be approached for membership fees.</p>	
13.3	<p>SELECTION OF A VICE CHAIRPERSON</p> <p>Ms Baloy was appointed as the vice Chairperson for the Waterval Forum.</p>	
14	<p>NEXT YEAR MEETING DATES</p> <p>Dates of meetings for 2018 were as follows:</p> <ul style="list-style-type: none"> • 22 February 2018 • 24 May 2018 • 23 August 2018 • 22 November 2018 	None
15.	<p>CLOSURE OF MEETING</p> <p>All attendees were thanked for attending and the meeting was adjourned.</p>	None

	Action	RESPONSIBLE PERSON	Action identified	DUE DATE
16.1	Mr Linde to visit Absa bank on Friday 24 November to get information and clarity about how the changing of signatories will be implemented and also discuss account type with the least amount of bank costs.	Mr Linde	Nov 17	Nov 17
16.2	Constitution has been drafted, finalized and signed by the chairperson. Mr Linde to present the constitution to the Forum members at the next Forum meeting.	Mr Linde	Nov 17	Feb 18
16.3	Mr Linde to visit three other Banks to inquire about different types of accounts that are offered at those banks and inform the Forum about the outcomes.	Mr Linde	Nov 17	Feb 18
16.4	Mr Matseba to present the DWS budget as part of the business plan at the Next Forum meeting.	Mr Matseba	Aug 17	Feb 18
16.5	Mr Mangena to send the improvement plan for the two WWTW at the GMM to the Forum members so that areas of concern can be discussed at next Forum meeting.	Mr Mangena	Nov 17	Feb 18
16.6	Mr Matseba to meet with the superiors at Rand Water to discuss their water quality guidelines since their reports indicates that they are not complying with their license.	Mr Matseba	Nov 17	Not confirmed
16.7	CME to finalize an investigation they are conducting along the Waterval river about the waters uses that are not complying with the National Water Act. Notice has been drafted and it is expected to be sent to the Provincial head.	Ms Mabayi	Nov 17	Nov 17
16.8	Mr Matseba to engage with Head Office to invite them to the next Forum meeting to make a	Mr Matseba	Nov 17	Feb 18

WATERVAL FORUM



	Action	RESPONSIBLE PERSON	Action identified	DUE DATE
	presentation on E-wulaas programme.			

Prepared by:

Date:

These minutes reflect the summary of the minute taker. Any amendments or comments to the minutes must be made within 14 days of receiving the document.